1639 1639

CRF Errors Corrected by th STIC Syst ms Branch

Serial Number: 09/726,219A

CRF Processing Date: 11/25/2002
Edited by:
V rified by: (STIC staff)

ENTERED

#17

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NOV 2 7 2002
TECH CENTER 1600/2900

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number submitted by the applicant was ☐ the prior application data; or ☐ other _____.
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☑ Deleted extra, invalid, headings used by an applicant, specifically: duplicate <1507, <1517 lines
- ☑ Deleted: ☑ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____.
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

1600

RAW SEQUENCE LISTING DATE: 11/25/2002
PATENT APPLICATION: **US/09/726,219A** TIME: 18:30:04

Input Set : **N:\Crf4\11212002\I726219A.raw**
Output Set: **N:\CRF4\11252002\I726219A.raw**

ENTERED

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  1 <110> APPLICANT: Cambridge Antibody Technology
  2       Cambridge Antibody Technology Limited
  3       Medical Research Council
  4       McCafferty, John
  5       Pope, Anthony
  6       Johnson, Kevin
  7       Hoogenboom, Hendricus
  8       Griffiths, Andrew
  9       Jackson, Ronald
 10       Holliger, Kasper
 11       Marks, James
 12       Clackson, Timothy
 13       Chiswell, David
 14       Winter, Gregory
 15       Bonert, Timothy
 16 <120> TITLE OF INVENTION: Methods for Producing Members of Specific Binding
 17       Pairs
 18 <130> FILE REFERENCE: 213839-00013
C--> 19 <140> CURRENT APPLICATION NUMBER: US/09/726,219A
 20 <141> CURRENT FILING DATE: 2000-11-28
 21 <150> PRIOR APPLICATION NUMBER: GB 9015198.6
 22 <151> PRIOR FILING DATE: 1990-07-10
 23 <150> PRIOR APPLICATION NUMBER: GB 9022845.3
 24 <151> PRIOR FILING DATE: 1990-10-19
 25 <150> PRIOR APPLICATION NUMBER: GB 9024503.6
 26 <151> PRIOR FILING DATE: 1990-11-12
 27 <150> PRIOR APPLICATION NUMBER: GB 9104744.9
 28 <151> PRIOR FILING DATE: 1991-03-06
 29 <150> PRIOR APPLICATION NUMBER: GB 9110549.4
 30 <151> PRIOR FILING DATE: 1991-05-15
 31 <150> PRIOR APPLICATION NUMBER: PCT/GB91/01134
 32 <151> PRIOR FILING DATE: 1991-07-10
 33 <150> PRIOR APPLICATION NUMBER: US 07/971,857
 34 <151> PRIOR FILING DATE: 1993-01-08
 35 <150> PRIOR APPLICATION NUMBER: US 08/484,893
 36 <151> PRIOR FILING DATE: 1995-06-07
 37 <160> NUMBER OF SEQ ID NOS: 272
 38 <170> SOFTWARE: PatentIn version 3.1
 40 <210> SEQ ID NO: 1
 41 <211> LENGTH: 5
 42 <212> TYPE: PRT
 43 <213> ORGANISM: Bacteriophage fd
 44 <400> SEQUENCE: 1
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RAW SEQUENCE LISTING DATE: 11/25/2002
PATENT APPLICATION: US/09/726,219A TIME: 18:30:04

Input Set : N:\Crf4\11212002\I726219A.raw
Output Set: N:\CRF4\11252002\I726219A.raw

Gln Val Gln Leu Gln
1 5

<210> SEQ ID NO: 2
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<213> ORGANISM: Bacteriophage fd
<400> SEQUENCE: 2
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1 5

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<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Bacteriophage fd
<400> SEQUENCE: 3
Leu Glu Ile Lys Arg
1 5

<210> SEQ ID NO: 4
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<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: oligonucleotide for mutagensis
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actgtgagaa tagaa 75

<210> SEQ ID NO: 5
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<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: PCR primer
<400> SEQUENCE: 5
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<210> SEQ ID NO: 6
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<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
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<400> SEQUENCE: 6
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<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: PCR primer
<400> SEQUENCE: 7
tgaggacwcw gccgtctact actgtgc 27

RAW SEQUENCE LISTING DATE: 11/25/2002
PATENT APPLICATION: **US/09/726,219A** TIME: 18:30:04

Input Set : **N:\Crf4\11212002\I726219A.raw**
Output Set: **N:\CRF4\11252002\I726219A.raw**

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<213> ORGANISM: Artificial Sequence
<220> FEATURE:
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1
<400> SEQUENCE: 8
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<211> LENGTH: 51
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: PCR primer
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<210> SEQ ID NO: 10
<211> LENGTH: 39
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: PCR primer
<400> SEQUENCE: 10
acatgtacat gcggccgctt tcagccccag agcggcttt 39
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<211> LENGTH: 33
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
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<400> SEQUENCE: 11
tttaatgagg atccacaggt gcagctgcaa gag 33
<210> SEQ ID NO: 12
<211> LENGTH: 30
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: PCR primer
<400> SEQUENCE: 12
aacgaatgga tcccgtttga tctcaagctt 30
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<211> LENGTH: 24
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: oligonucleotide for mutagensis - removal of a BamH1 site

RAW SEQUENCE LISTING DATE: 11/25/2002
PATENT APPLICATION: US/09/726,219A TIME: 18:30:04

Input Set : N:\Crf4\11212002\I726219A.raw
Output Set: N:\CRF4\11252002\I726219A.raw

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156       caaacgaatg ggtcctcctc atta                                          24
158 <210> SEQ ID NO: 14
159 <211> LENGTH: 26
160 <212> TYPE: DNA
161 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: oligonucleotide for mutagensis - introduction of a
164       BamH1 site
165 <400> SEQUENCE: 14
166       ccrccaccct cggatccrcc accctc                                        26
168 <210> SEQ ID NO: 15
169 <211> LENGTH: 15
170 <212> TYPE: PRT
171 <213> ORGANISM: Artificial Sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: linker between VH and VLK
174 <400> SEQUENCE: 15
175       Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
176       1               5                  10                  15
178 <210> SEQ ID NO: 16
179 <211> LENGTH: 23
180 <212> TYPE: DNA
181 <213> ORGANISM: Artificial Sequence
182 <220> FEATURE:
183 <223> OTHER INFORMATION: primer for reverse transcription
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185       ctggacaggg atccagagtt cca                                           23
187 <210> SEQ ID NO: 17
188 <211> LENGTH: 23
189 <212> TYPE: DNA
190 <213> ORGANISM: Artificial Sequence
191 <220> FEATURE:
192 <223> OTHER INFORMATION: primer for reverse transcription
193 <400> SEQUENCE: 17
194       ctggacaggg ctccatagtt cca                                           23
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197 <211> LENGTH: 32
198 <212> TYPE: DNA
199 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: PCR primer
202 <400> SEQUENCE: 18
203       tgaggagacg gtgaccgtgg tcccttggcc cc                                  32
205 <210> SEQ ID NO: 19
206 <211> LENGTH: 22
207 <212> TYPE: DNA
208 <213> ORGANISM: Artificial Sequence
209 <220> FEATURE:
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RAW SEQUENCE LISTING DATE: 11/25/2002
PATENT APPLICATION: US/09/726,219A TIME: 18:30:04

Input Set : N:\Crf4\11212002\I726219A.raw
Output Set: N:\CRF4\11252002\I726219A.raw

210 <223> OTHER INFORMATION: PCR primer
211 <400> SEQUENCE: 19
212 aggtsmarct gcagsagtcw gg 22
214 <210> SEQ ID NO: 20
215 <211> LENGTH: 24
216 <212> TYPE: DNA
217 <213> ORGANISM: Artificial Sequence
218 <220> FEATURE:
219 <223> OTHER INFORMATION: PCR primer
220 <400> SEQUENCE: 20
221 ccgtttgatt tccagcttgg tgcc 24
223 <210> SEQ ID NO: 21
224 <211> LENGTH: 24
225 <212> TYPE: DNA
226 <213> ORGANISM: Artificial Sequence
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229 <400> SEQUENCE: 21
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232 <210> SEQ ID NO: 22
233 <211> LENGTH: 24
234 <212> TYPE: DNA
235 <213> ORGANISM: Artificial Sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: PCR primer
238 <400> SEQUENCE: 22
239 ccgttttatt tccaactttg tccc 24
241 <210> SEQ ID NO: 23
242 <211> LENGTH: 24
243 <212> TYPE: DNA
244 <213> ORGANISM: Artificial Sequence
245 <220> FEATURE:
246 <223> OTHER INFORMATION: PCR primer
247 <400> SEQUENCE: 23
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250 <210> SEQ ID NO: 24
251 <211> LENGTH: 24
252 <212> TYPE: DNA
253 <213> ORGANISM: Artificial Sequence
254 <220> FEATURE:
255 <223> OTHER INFORMATION: PCR primer
256 <400> SEQUENCE: 24
257 gacattgagc tcacccagtc tcca 24
259 <210> SEQ ID NO: 25
260 <211> LENGTH: 24
261 <212> TYPE: DNA
262 <213> ORGANISM: Artificial Sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: PCR primer

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 11/25/2002
PATENT APPLICATION: **US/09/726,219A** TIME: 18:30:05

Input Set : **N:\Crf4\11212002\I726219A.raw**
Output Set: **N:\CRF4\11252002\I726219A.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:37; Xaa Pos. 2,4,5
Seq#:38; Xaa Pos. 1,2,4,5
Seq#:75; N Pos. 16,17,18,19,20,21
Seq#:76; N Pos. 16,17,18
Seq#:77; N Pos. 16,17,18

Invalid Line Length:
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:37; Line(s) 375,380
Seq#:38; Line(s) 397,402
Seq#:75; Line(s) 738
Seq#:76; Line(s) 753
Seq#:186; Line(s) 1940
Seq#:264; Line(s) 3569